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4 means for determining, in response to a datagram from a
5 host for a port number on the server, if the number of
6 datagrams queued on the port by the host exceeds a prescribed
7 threshold, and

8 means responsive to the determining means for discarding
9 the datagram.

1 4. The method of claim 3 wherein the means for determining
2 if the number of datagrams already queued to the port from the
3 host exceeds a prescribed threshold further comprises:

4 means for calculating the prescribed threshold by
5 multiplying a percentage P by the number of available queue
6 slots for the port number.

5 5. A storage media containing program code segments for
6 preventing a flooding attack on a network server in which a
7 large number of datagrams are received for queuing to a port
8 number on the server, comprising:

5 a first code segment activated in response to a datagram
6 from a host for a port number on the server for determining if
7 the number of datagrams already queued to the port from the
8 host exceeds a prescribed threshold, and

9 a second code segment responsive to the first code

10 segment for discarding the datagram.

1 6. The storage media of claim 5 wherein the first code
2 segment further comprises:

3 a third code segment for calculating the prescribed
4 threshold by multiplying a percentage P by the number of
5 available queue slots for the port number.

1 7. A carrier wave containing program code segments for
2 preventing a flooding attack on a network server in which a
3 large number of datagrams are received for queuing to a port
4 number on the server, comprising:

5 a first code segment activated in response to a datagram
6 from a host for queuing to a port number on the server for
7 determining if the number of datagrams already queued to the
8 port from the host exceeds a prescribed threshold, and

9 a second code segment responsive to the first code
10 segment for discarding the datagram.

1 8. The carrier wave of claim 7 wherein the first code segment
2 further comprises:

3 a third code segment for calculating the prescribed
4 threshold by multiplying a percentage P by the number of

5 available queue slots for the port number.